

4

3

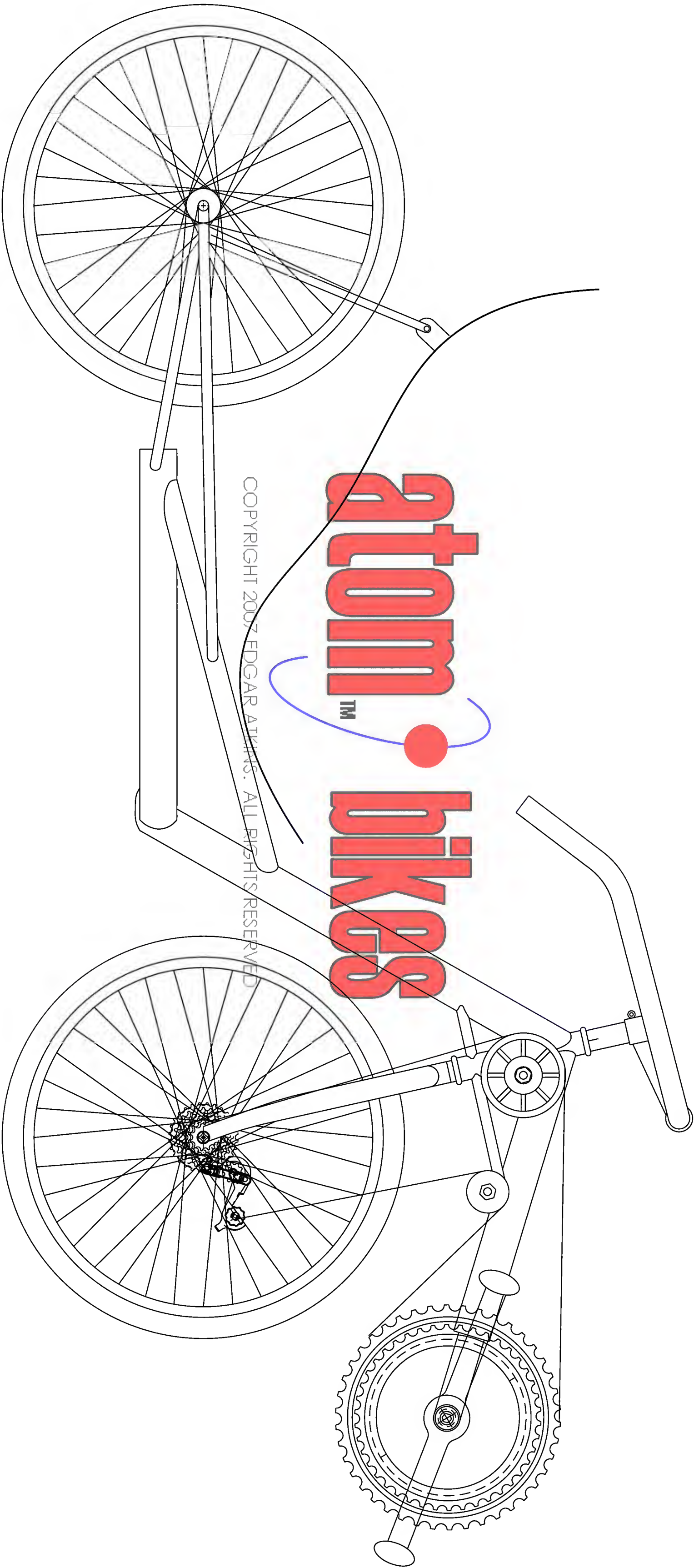
2

1

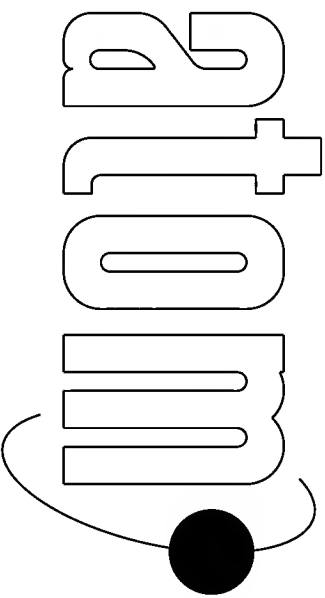
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE		

NOTES:

1.
- 2 MATERIALS
- A. 1-1/4" X 1-1/4" TUBING, STEEL, 1008-1026
- 3 REMOVE MAT'L FROM BOTTOM OF PART ONLY. USING 1" WOOD BLOCK BACKER, CRUSH CUT ENDS OF SQUARE TUBE (BOTH SIDES) TO ALLOW TIGHT FIT.



CONTRACT NO.				NOT APPLICABLE			
PREPARATION				07/01/26			
ATKINS							
DESIGN CHECK				XX/XX/XX			
DESIGN CHECK							
UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHES AND APPLY TO THE FINISHED PART.							
TOLERANCE ON :							
2 PLACE DEC		3 PLACE DEC		ANGLES			
± .02		± .005		± 1			
SIZE				DRAWING NO.			
a tomBOMB PROTOTYPE				REV			
				-			



7-TITLE

A

A

B

C

D

DWG NO. a tomBOMB

SHEET 1

REV -

C

D

4

3

2

1

D

C

B

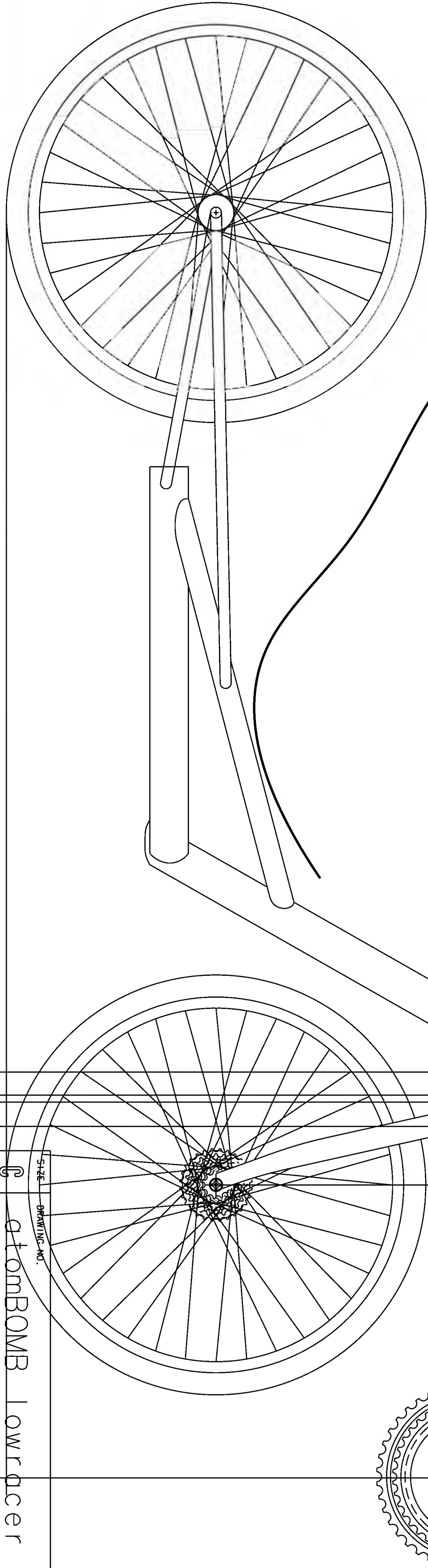
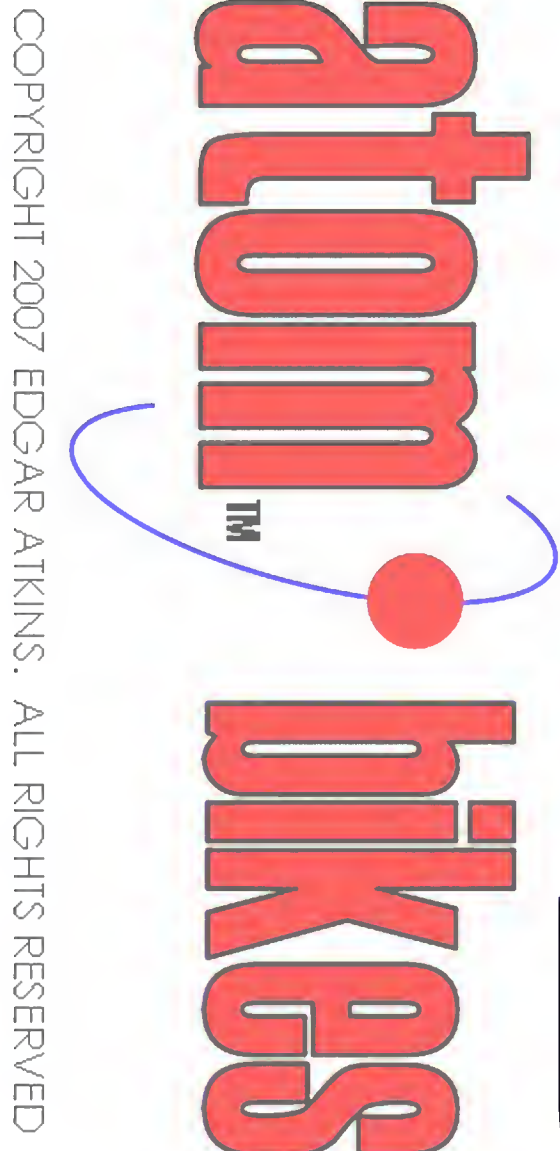
A

D

C

B

A



3-FRONT

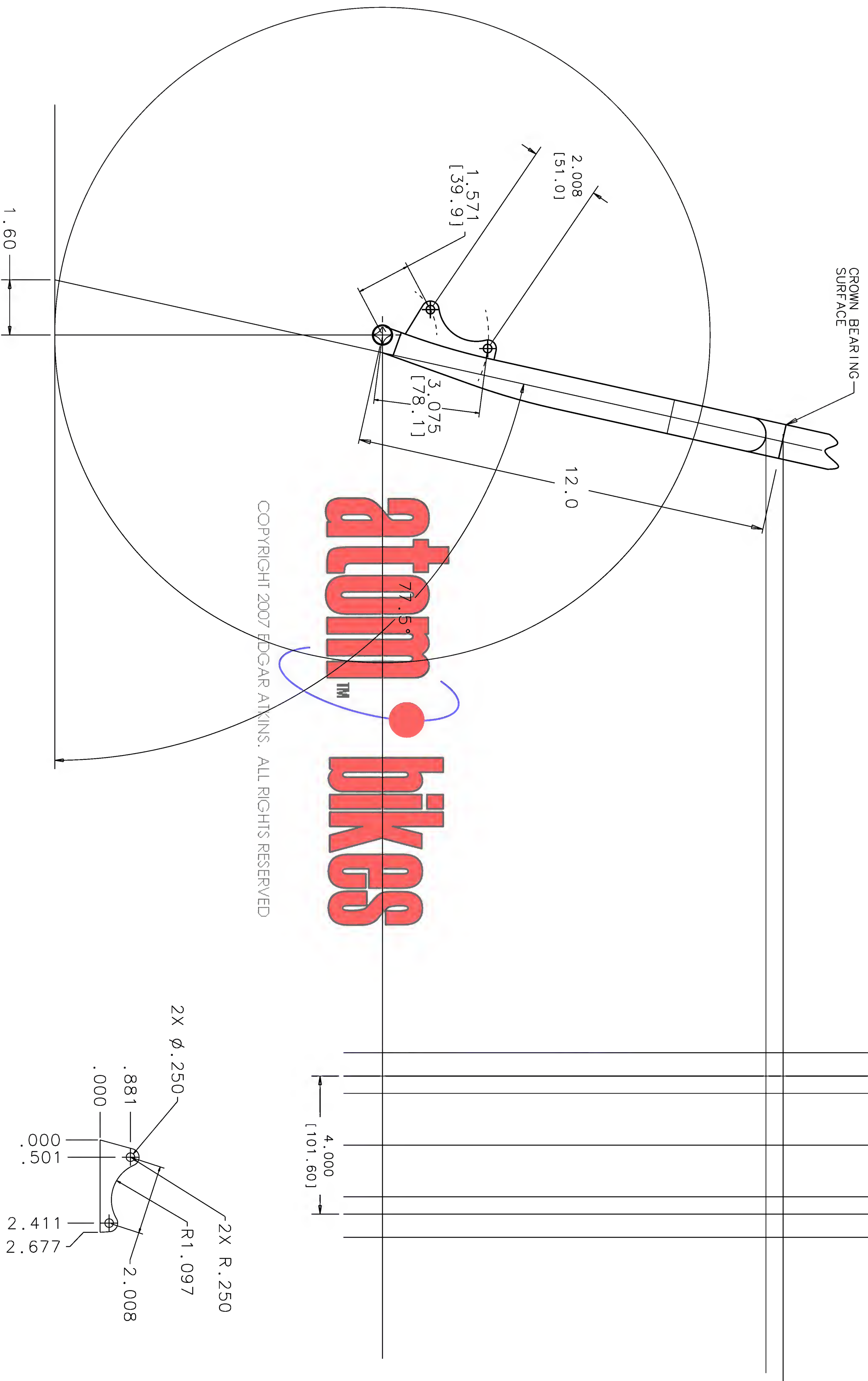
12-TITLE

REV	SHEET
-	-

DWG NO.	B
DWG NO	

REV	atomBOMB Lowracer	SCALE	WT	SHEET
-		-	-	-

SIZE: DRAWING NO.

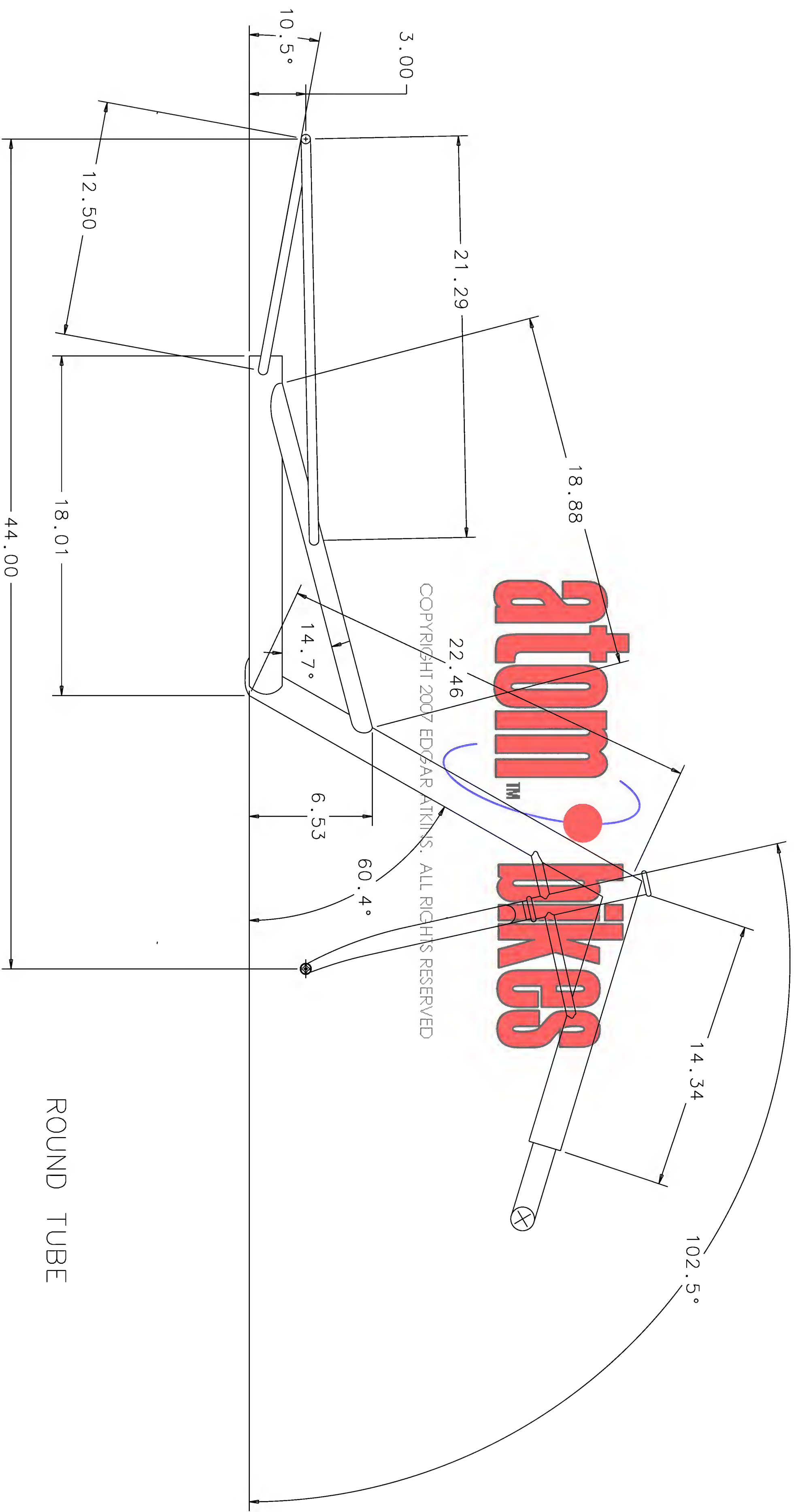


atom bikes

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FRONT FORK MOD
LOOKING AT LEFT SIDE
POSITIVE TRAIL: 1.6"
HEAD ANGLE 77.5°
DISC BRAKE TAB OPTIONAL

DISC BRAKE MTG TAB
PER HAYES DWG E-10722-3



ROUND TUBE

4

3

2

1

D

D

C

C

B

B

A

A

SIDE VIEW

5.314 DROP-OUT SPACING
[135.0]

HUB CL

FRONT VIEW

FORK DETAIL
SCALE 1/2:1

DETAIL "A"

2.774
[70]

2D

9.25
[235]

100.0°

1.25
[32]

.728
.508
ϕ1.00

1.120

1.608

2.99
.22

3.215

1.25
[32]

DETAIL "A" [2A]

SCALE 1/4:1

DETAIL "C"

12.25
[311]

DETAIL "D"

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atom bikes

45.0°

1.148
[29]

1.229
[31]

.195
[5]

.562
[14]

1.125
[29]

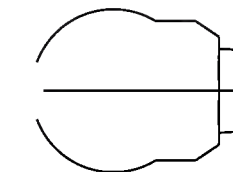
ϕ.375
[10]

.375
[10]

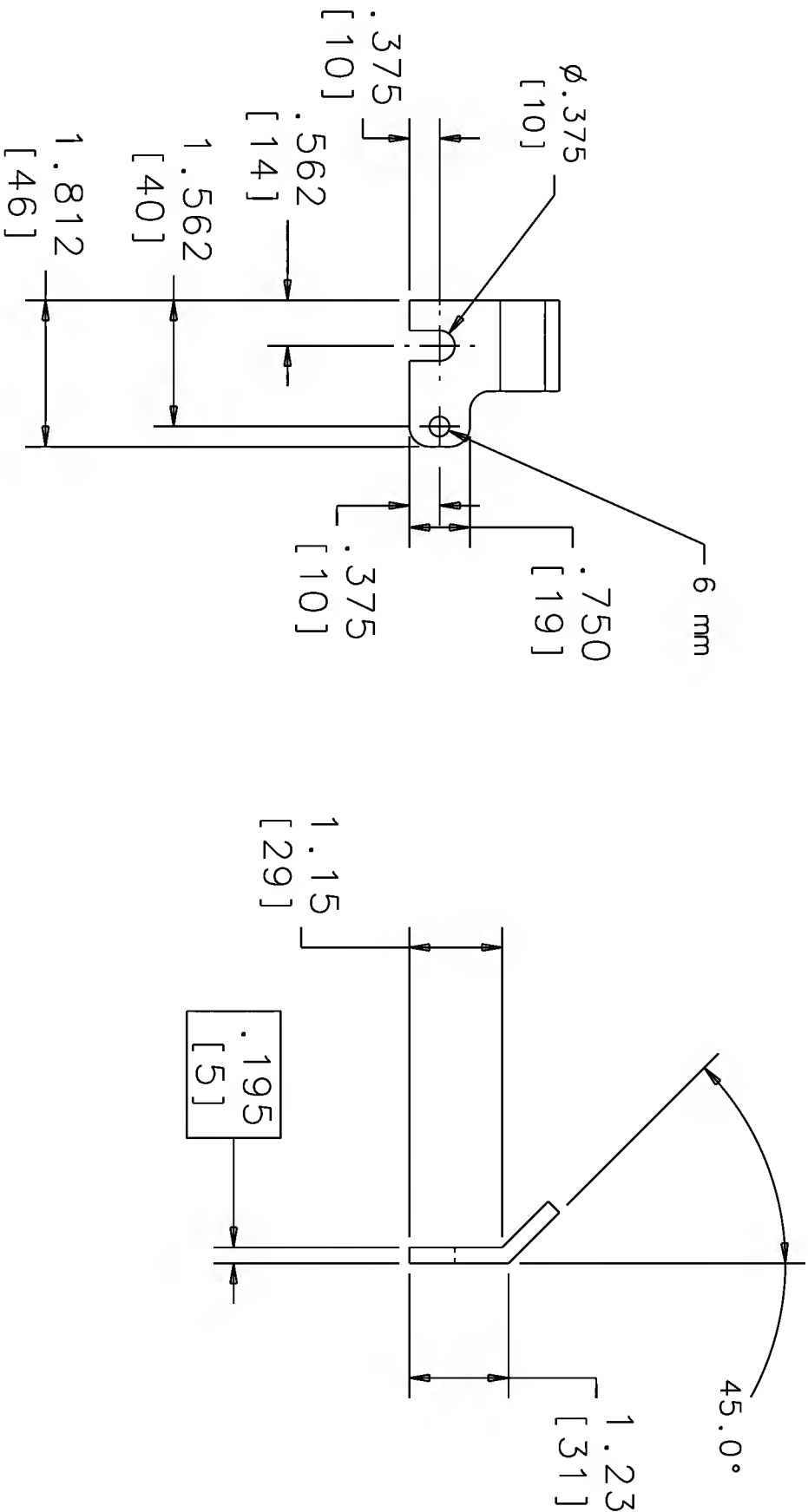
DETAIL "B" [2B]

1/4" (6mm) PLATE
SCALE 1/2:1

REV	SHEET	DWG NO.
-	-	DWG NO

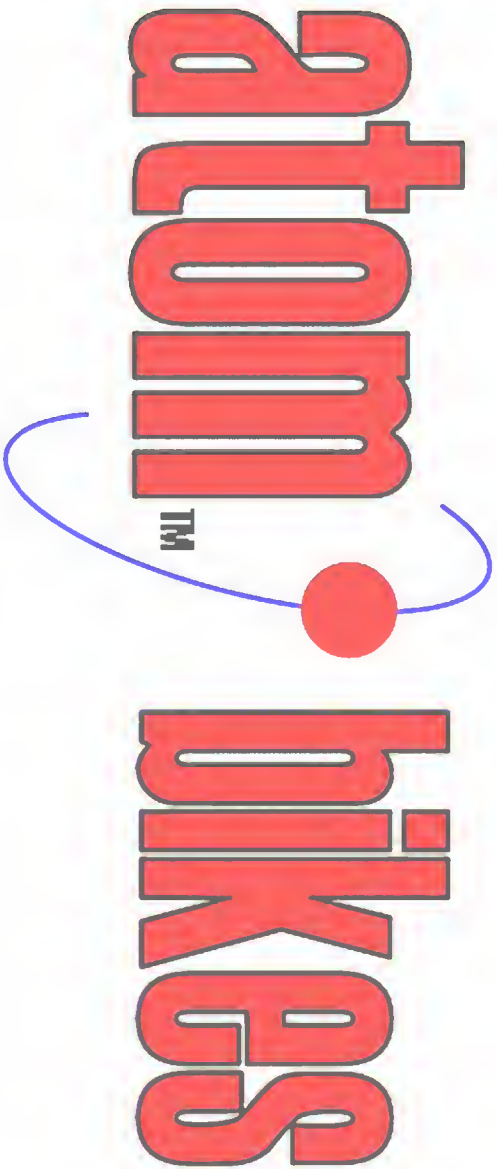


SIZE	DRAWING NO.	REV
SCALE	ATOMBOMB FORK	-
WT	-	-
SHEET	-	-

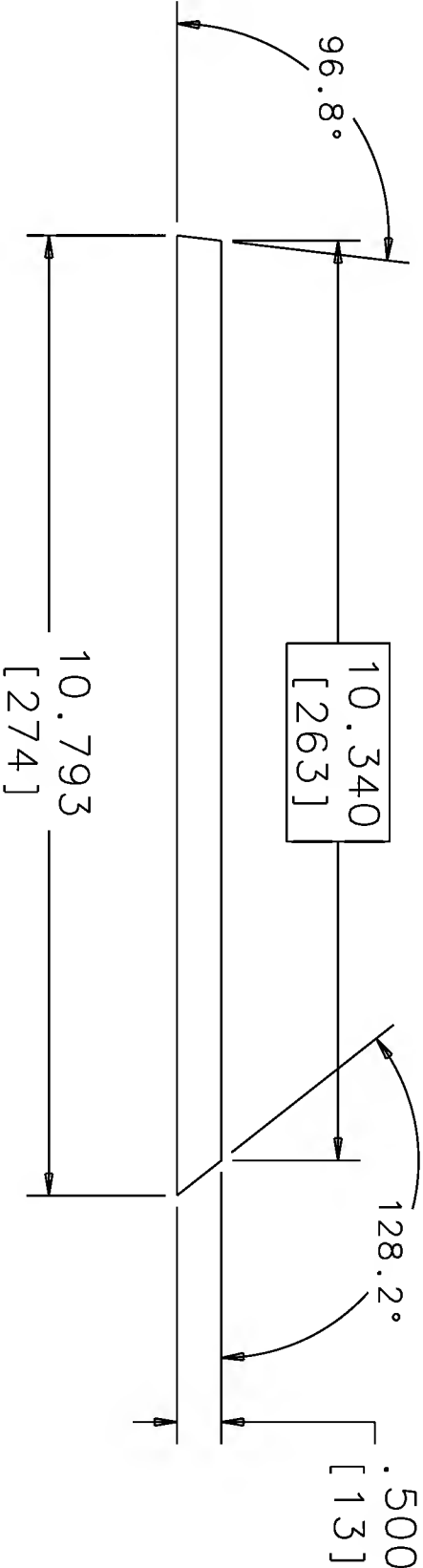
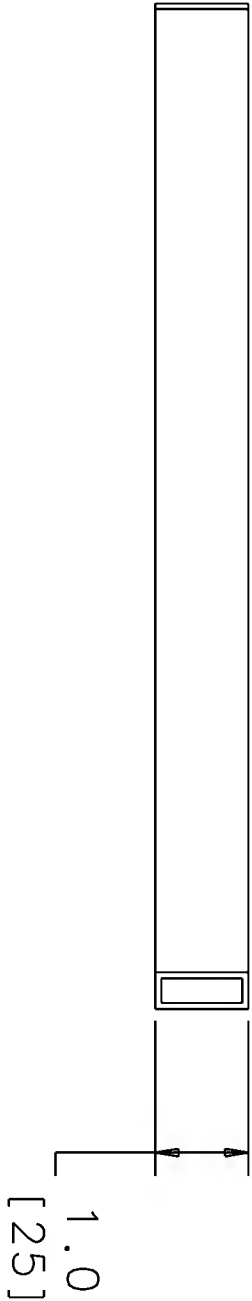


DETAIL "D" 2D

.195" (5mm) PLATE
SCALE 1/2:1

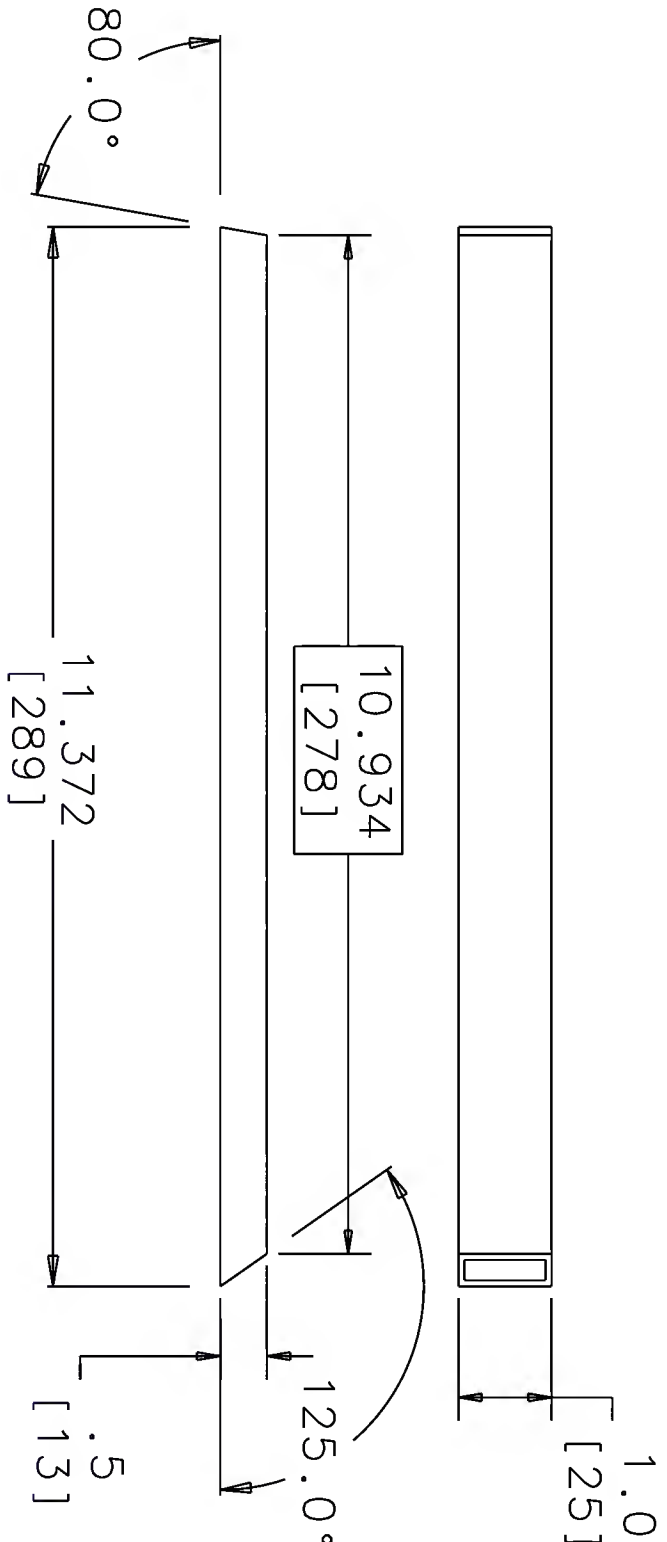


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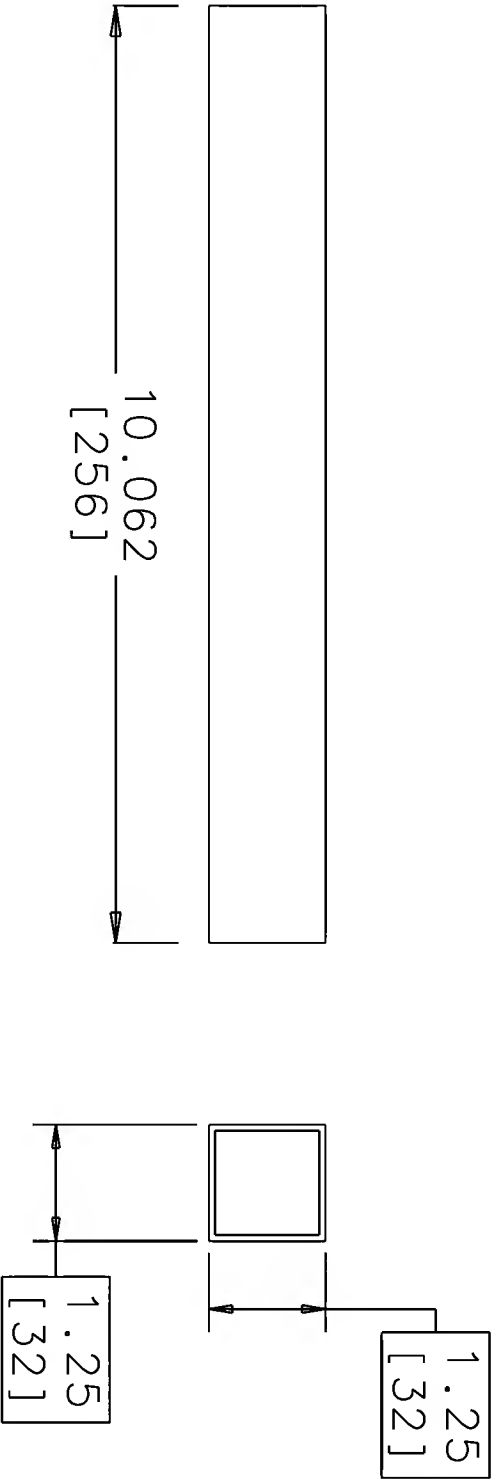
DETAIL "F"

SCALE 1/2:1



DETAIL "C" 2C

1/2" X 1" (15mm X 25mm X 1.5mm)
RECT. STEEL TUBING
SCALE 1/2:1



DETAIL "H"

SCALE 1/2:1

REV	SHEET
-	-

DWG NO.	DWG NO.
NO	NO

SIZE	DRAWING NO.	REV
UNNAMED	UNNAMED	-
SCALE	WT	SHEET
-	-	-

4

3

2

1

D

DETAIL "H"

DETAIL "E"

C

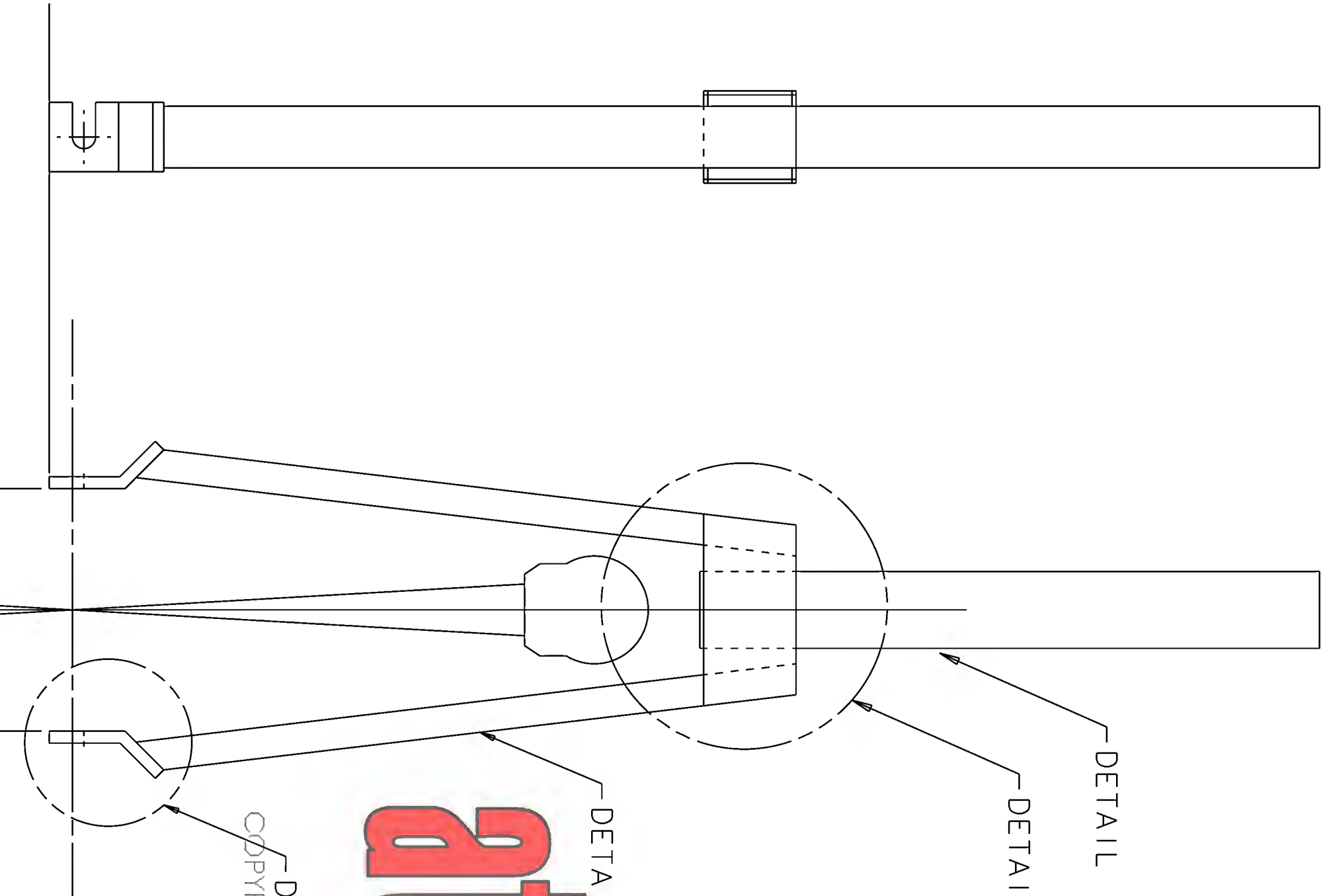
DETAIL "F"



DETAIL "G"

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B

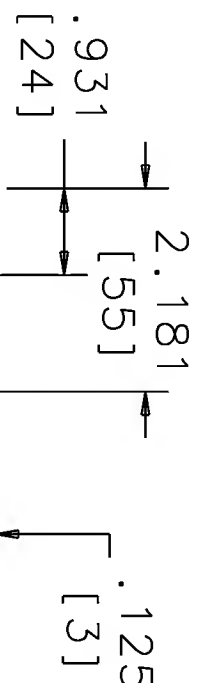


3.937
[100]

STAYS DETAIL
LOOKING FROM TOP
SCALE 1/2:1

A

D

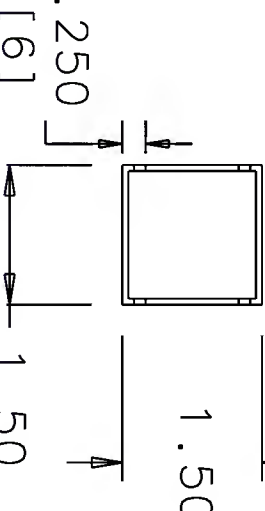


.178
[5]

.682
[17]

.504
[13]

3.113
[79]



.250
[6]

1.50

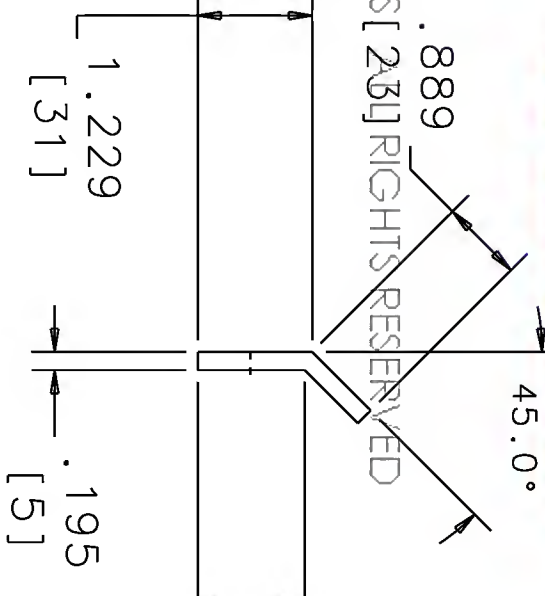
DETAIL "E"

SCALE 1/2:1

C

1.148
[29]

Ø.375
[10]



.889

45.0°

1.229
[31]

.195
[5]

.562
[14]

1.125
[29]

.562
[14]

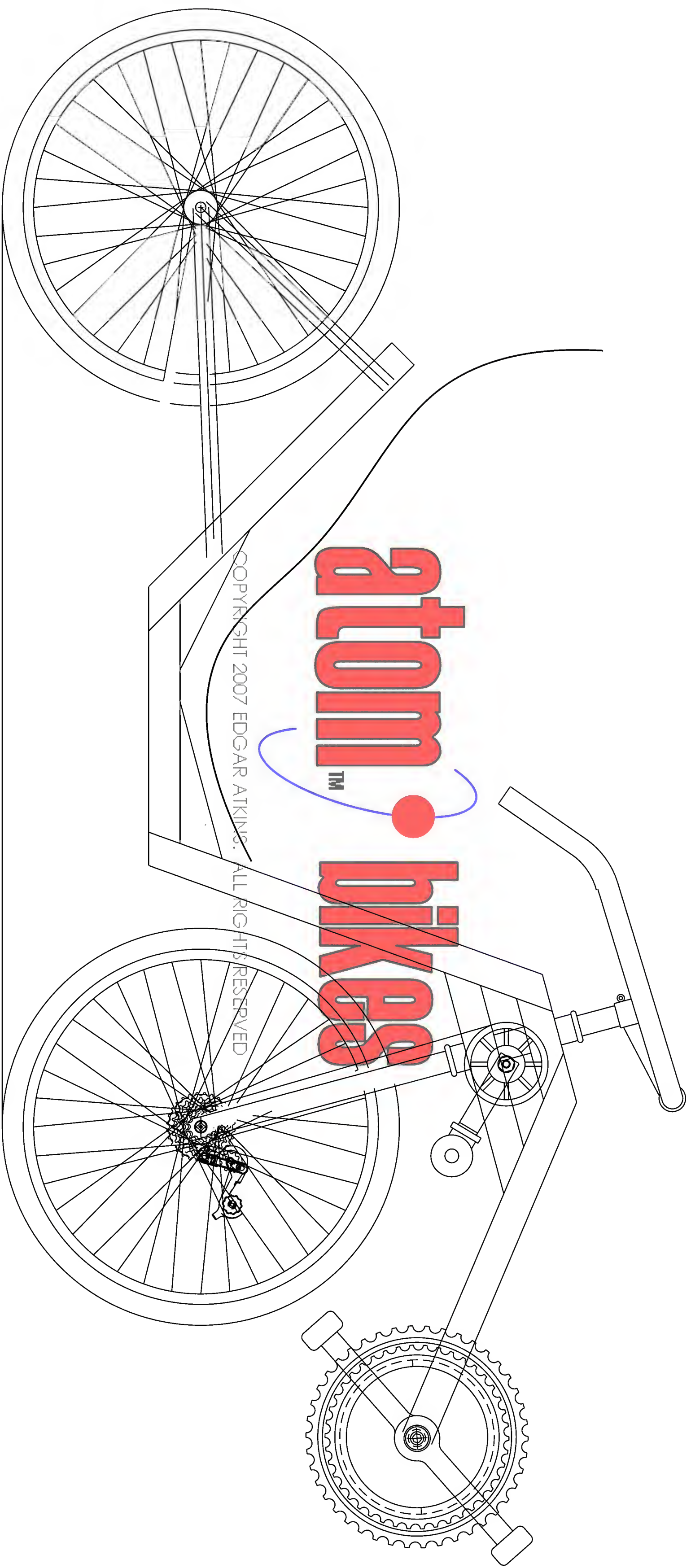
DETAIL "G" [2B]

1/4" (6mm) PLATE
SCALE 1/2:1
MIRROR OPPOSITE SIDE

REV	SHEET	DWG NO.
-	-	B

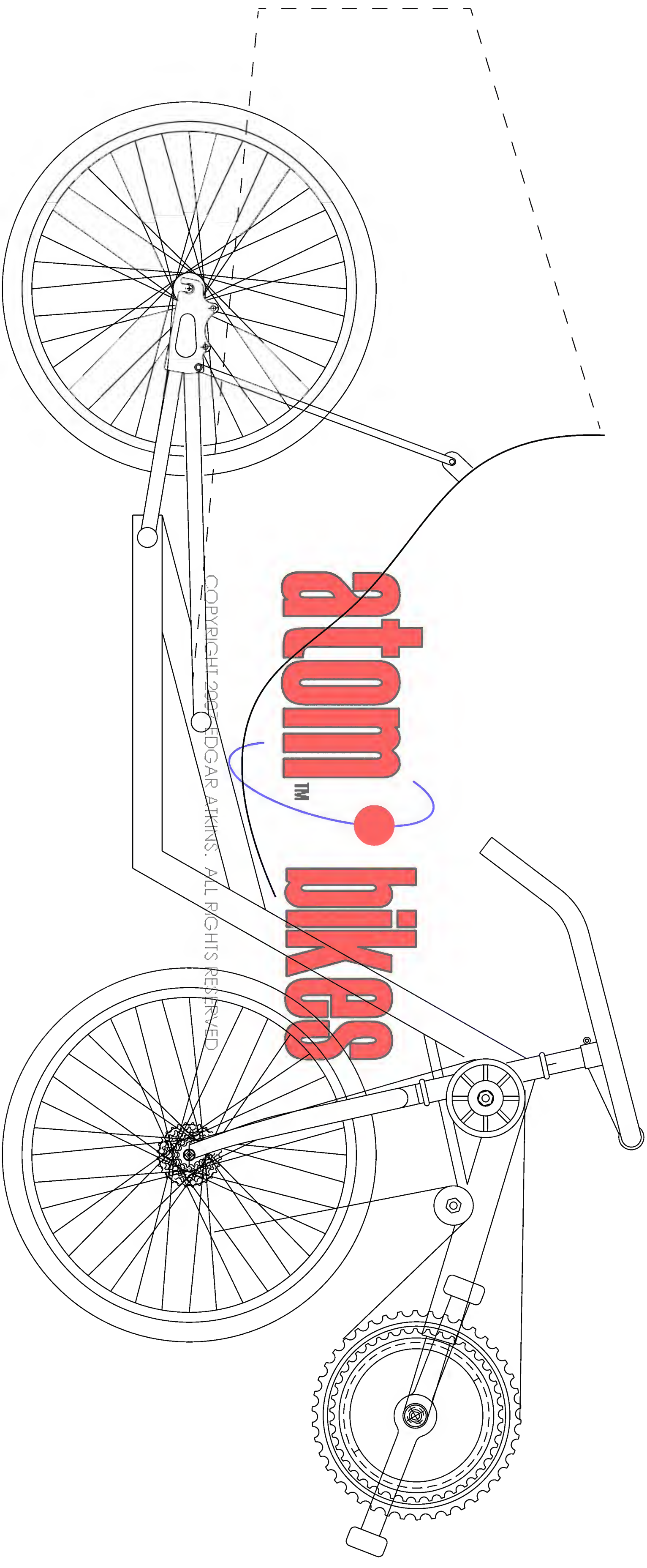
A

SIZE	DRAWING NO.	REV
SCALE	ATOMBOMB REAR STAYS	-
WT	-	-
SHEET	-	-



1.5 X 1.5 STUDY 11/27/06

THE PURPOSE OF THIS STUDY WAS TO SEE WHAT
THE FRAME WOULD LOOK LIKE USING ALL
SQ TUBING. THIS FRAME WOULD BE EASY
TO BUILD WITH A CHOP SAW



ALTERNATE SQUARE TUBE FRAME
WITH COROPLAST TAILBOX